

Table 2.6.0 - ED mentions for respiratory agents by drug category: Estimates for the coterminous U.S. by year

Drug name ¹		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change ² 1994, 2000	% change ² 1998, 2000	% change ² 1999, 2000
Antihistamines		3,021	2,739	2,222	2,770	2,470	3,047	3,265			
acetaminophen/phenylpropanolamine/phenyltoloxamine									-100.0	-100.0	-100.0
astemizole		215	...	...	...	2	1	0			
azatadine		0	0	0	...	0	...	0			
bromodiphenhydramine											
brompheniramine .....		...	9	3	3	3	...	0			
carboxoxamine		0	0	0	1	...	0	0			
cetirizine		0	0	0	...	390	538	388			
chlorpyramine .....		...	0	0	0	0	0	0			
chlorpheniramine		365	467	233	234	76	...	63	-82.7		
chlorphentermine		0	2	1	0	0	0	0			
clemastine		24	16	16	...	...	3	...			
cyproheptadine .....		...	180	136	...	...	...	...
dexbrompheniramine											
dexchlorpheniramine .....		...	3	1	3	...	0	0			
diphenylpyraline HCl											
fexofenadine		0	0	0	...	175	191	265			
loratadine .....		...	143	296	715	512	507	518			
meclizine HCl		0	0	0	1	0	0	0			
methapyrilene HCl .....		...	...	0	0	0	0	0			
methdilazine											
neo-antergan hydrogen meleate		0	0	...	0	0	...	1			
phenindamine		1	0	0	0	0	0	0	-100.0		
pheniramine		1	0	0	1	2	4	...			
pheniramine/phenyltoloxamine/pyrilamine .....		...	...	...	1	...	7	0			
phenyltoloxamine											
promethazine		631	988	552	457	900	1,222	1,232			
pyribenzamine											
rotroxamine tartrate											
terfenadine		779	411	489	464	9	6	...			
trimeprazine		1	0	0	0	0	0	0	-100.0		
tripelennamine		0	3	0	...	0	...	0			
triprolidine		0	0	0	0	...	0	0			
antihistamines-NOS		564	296	314	319	192	281	643		234.9	128.8
Bronchodilators		2,805	2,063	1,354	1,084	843	955	419	-85.1		-56.1
albuterol											
albuterol-ipratropium		633	684	455	315	172	130	...			
aminophylline		13	2	0	...	...	0	0	-100.0		
bitolterol											
dyphylline		0	...	0	0	0	0	0			
isoetharine .....		...	0	0	0	0	0	0			
isoproterenol-phenylephrine											
levalbuterol											
metaproterenol .....		...	...	14	3	...	...	...
oxtriphylline		1	0	0	0	0	0	0	-100.0		
pirbuterol											
proxophylline		1	...	0	0	0	0	0	-100.0		
salmeterol		0	1	0	0	2			

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Drug name ¹		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change ² 1994, 2000	% change ² 1998, 2000	% change ² 1999, 2000
terbutaline		279	...	32	20	...	...	2	-99.3		
theobromine magnesium olate		0	0	0	1	0	0	0			
theophylline		1,662	1,154	853	741	485	629	255	-84.7		
bronchodilators-NOS .....		...	12	0	2	...	7	...			
Decongestants		2,198	2,000	1,629	1,797	1,554	609	1,049	-52.3		72.2
pseudoephedrine		2,050	1,723	1,279	1,768	1,331	587	938	-54.2		
decongestants-NOS .....		...	277	350	29	223	22	...			
Expectorants		456	402	634	658	1,016	544	775			
ambroxol .....		...	0	0	0	1	0	0			-100.0
anhydrous calcium iodide-isoproterenol		0	0	1	0	0	0	0			
carbetapentane/PE/PPA/K guaiacolsulfonate		0	0	0	0	1	0	0			-100.0
chlorpheniramine/codeine/phenylephrine		0	0	0	0	1	0	0			
guaifenesin		448	402	625	658	1,014	544	770			
potassium iodide		0	0	0	0	0	0	0			
terpin hydrate		2	0	0	0	0	0	0			-100.0
expectorants-NOS		0	0	...	0	0	0	...			
Upper respiratory combinations		6,849	6,232	6,742	5,111	5,064	3,398	5,676			67.0
acetaminophen-chlorpheniramine		20	8	...	42	289	314	1,116	5,480.0	286.2	255.4
acetaminophen-dextromethorphan		0	0	0	0	0	0	0			
acetaminophen-phenylephrine		0	0	0	0	0	0	0			
acetaminophen-pseudoephedrine		623	442	539	65	344	41	...			
acetaminophen/dextromethorphan/doxylamine/ephedrine		0	0	0	0	0	0	0			
acrivastine-pseudoephedrine		0	0	0	0	0	0	0			
ammonium chloride/CPM/codeine/PE		0	0	0	0	0	0	0			
ammonium chloride/CPM/DM/ephedrine/ipecac/PE		0	0	0	0	0	0	0			
anhydrous calcium iodide-codeine		0	0	0	0	0	0	0			
APAP/ASA/PPA		0	0	0	0	0	0	0			
APAP/brompheniramine/phenylpropanolamine		0	0	0	0	0	0	0			
APAP/brompheniramine/pseudoephedrine		0	0	0	0	0	0	0			
APAP/caffeine/chlorpheniramine/PPA		0	0	0	0	0	0	0			
APAP/caffeine/CPM/hydrocodone/PE		0	0	0	0	0	0	0			
APAP/caffeine/guaifenesin/phenylephrine		0	0	0	0	0	0	0			
APAP/caffeine/PPA/salicylamide		0	0	0	0	0	0	0			
APAP/chlorpheniramine/codeine/phenylephrine		0	0	0	0	0	0	0			
APAP/chlorpheniramine/dextromethorphan/PPA		0	0	0	0	0	0	0			
APAP/chlorpheniramine/dextromethorphan/PSE		0	0	0	0	0	0	0			
APAP/chlorpheniramine/guaifenesin/PPA		0	0	0	0	0	0	0			
APAP/chlorpheniramine/phenylephrine		0	0	0	0	0	0	0			
APAP/chlorpheniramine/phenylephrine/dextromethorphan/guaifenesin		0	0	0	0	0	0	0			
APAP/chlorpheniramine/phenylpropanolamine		0	0	0	0	0	0	0			
APAP/chlorpheniramine/pseudoephedrine		0	0	0	0	0	0	0			
APAP/CPM/phenylephrine/PPA/pyrilamine		0	0	0	0	0	0	0			
APAP/CPM/phenylephrine/salicylamide		0	0	0	0	0	0	0			
APAP/dexbrompheniramine/pseudoephedrine		0	0	0	0	0	0	0			
APAP/dextromethorphan/diphenhydramine/PSE		0	0	0	0	0	0	0			
APAP/dextromethorphan/doxylamine/PSE		1,564	800	1,425	1,386	1,378	900	1,177			
APAP/dextromethorphan/guaifenesin/PPA		0	0	0	2	0	0	0			
APAP/dextromethorphan/guaifenesin/PSE		0	0	11	10	14	21	...			-100.0

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Drug name ¹		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change ² 1994, 2000	% change ² 1998, 2000	% change ² 1999, 2000
APAP/dextromethorphan/phenylpropanolamine											
APAP/dextromethorphan/PSE/pyrilamine											
APAP/dextromethorphan/pseudoephedrine		0	...	...	...	4	9	34			
APAP/diphenhydramine/pseudoephedrine		30	...	...	111	...	25				
APAP/pseudoephedrine/triprolidine											
ASA/brompheniramine/dextromethorphan/PPA		2	...	2	...	2	...	...	
ASA/chlorpheniramine/dextromethorphan/PPA											
ASA/chlorpheniramine/phenylpropanolamine											
ASA/diphenhydramine/PPA											
aspirin-pseudoephedrine											
atropine/CPM/hyoscyamine/PE/PPA/scopolamine .....		...	7	...	0	0	0	0			
azatadine-pseudoephedrine .....		...	8	5	...	...	2	...			
bromodiphenhydramine-codeine		2	0	0	3	1	0	0	-100.0	-100.0	
brompheniramine-phenylephrine											
brompheniramine-phenylpropanolamine		7	...	...	171	41	...	...	
brompheniramine-pseudoephedrine .....		...	...	...	9	12	...	0			
brompheniramine/codeine/phenylpropanolamine											
brompheniramine/dextromethorphan/PPA		327	491	289	...	169	...	333			
brompheniramine/dextromethorphan/PSE											
brompheniramine/guaifenesin/phenylephrine/PPA		0	1	0	0	...	0	0			
brompheniramine/phenylephrine/PPA .....		...	...	...	4	...	3	0			
caffeine/pheneramine/PE/Na citrate, salicylat											
carbetapentane/chlorpheniramine/phenylephrine											
carbetapentane/CPM/ephedrine/phenylephrine .....		...	...	0	0	1	0	0			
carboxamine-pseudoephedrine		7	3	2	...	3	0	9			
carboxamine/dextromethorphan/PSE		3	2	4	...	...	0	...			
chlorpheniramine-dextromethorphan		0	0	0	0	0	...	0			
chlorpheniramine-hydrocodone						2	3	...			
chlorpheniramine-phenylephrine						0	0	0			
chlorpheniramine-phenylpropanolamine		444	578	148	214	208	147	...			
chlorpheniramine-pseudoephedrine		247	228	20	...	15	10	...			
chlorpheniramine/codeine/PE/K iodide											
chlorpheniramine/codeine/phenylephrine/PPA											
chlorpheniramine/codeine/pseudoephedrine		0	0	...	0	1	0	...			
chlorpheniramine/dextromethorphan/PPA .....		...	0	0	1	0	0	0			
chlorpheniramine/dextromethorphan/PSE .....		...	...	...	...	0	0	1			
chlorpheniramine/dihydrocodeine/PE/PPA											
chlorpheniramine/DM/guaifenesin/phenylephrine											
chlorpheniramine/DM/phenylephrine											
chlorpheniramine/ephedrine/guaifenesin											
chlorpheniramine/guaifenesin/phenylephrine											
chlorpheniramine/guaifenesin/pseudoephedrine											
chlorpheniramine/hydrocodone/phenylephrine		0	...	1	0	...	...	0			
chlorpheniramine/hydrocodone/PSE											
chlorpheniramine/methscopolamine/PE		3	3	2	3	...	...	...
chlorpheniramine/methscopolamine/PPA		0	...	0	0	0	0	0			
chlorpheniramine/methscopolamine/PSE											
chlorpheniramine/PE/phenyltoloxamine		2	0	0	0	...	0	1			

Table 2.6.0 - ED mentions for respiratory agents by drug category: Estimates for the coterminous U.S. by year (continued)

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Drug name ¹		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change ² 1994, 2000	% change ² 1998, 2000	% change ² 1999, 2000
ibuprofen-pseudoephedrine .....		...	13	0	0	...	5	...	...	...	...
loratadine-pseudoephedrine		0	0	0	...	15	...	...	...	...	...
naproxen-pseudoephedrine		0	0	0	...	0	0	2	...	...	...
pheniramine/PPA/phenyltoloxamine/pyrilamine		0	0	0	...	...	0	0	...	...	...
pheniramine/PPA/pyrilamine		0	0	0	0	0	0	0	...	...	...
phenylephrine-promethazine .....		...	0	0	0	0	0	0	...	...	...
phenylephrine-pyrilamine		0	0	0	0	0	0	0	...	...	...
pseudoephedrine-terfenadine		0	0	0	0	0	0	0	...	...	...
pseudoephedrine-triprolidine		507	499	466	74	363	...	41	-91.9	-88.7	-88.7
upper respiratory combinations-NOS		483	400	400	580	525	421	205	-61.0	-61.0	-61.0
Respiratory agents NTA		419	478	275	173	...	195	337	...	...	...
acetylcysteine											
alpha 1-proteinase inhibitor											
aminophylline-guaifenesin											
aminophylline/amobarbital/ephedrine											
aminophylline/ephedrine/guaifenesin/PB		0	0	0	0	0	1	0			
aminophylline/ephedrine/PB/K iodide		0	0	0	0	1	0	0			
beclomethasone .....		...	8	5	5	1	...	0			
benzonatate .....		...	26	...	...	...	17	...			
beractant											
budesonide											
calfactant											
caramiphen-phenylpropanolamine											
codeine/terpin hydrate											
colfosciril											
cromolyn		0	...	0	0	1	0	0			
cyclopentamine/methapyrilene HCl/pyrrobutamine		0	1	0	0	0	0	0			
dextromethorphan		138	368	180	64	...	...	189			
dornase alfa											
dyphylline-guaifenesin		4	0	0	0	0	0	0	-100.0	-100.0	-100.0
dyphylline/ephedrine/guaifenesin/PB											
ephedrine/guaifenesin/theophylline											
ephedrine/hydroxyzine/theophylline											
ephedrine/PB/K iodide/theophylline											
ephedrine/phenobarbital/theophylline		5	...	0	1	0	0	0	-100.0	-100.0	-100.0
ephedrine/phenobarbital/theophylline/guaifenesin											
flunisolide		0	...	0	0	0	2	...			
fluticasone											
guaifenesin-oxtriphylline											
guaifenesin-theophylline .....		...	0	0	0	0	0	0			
hexylresorcinol		0	0	0	0	0	0	0			
homatropine											
ipratropium		0	...	...	1	...	0	2			
ketotifen fumarate											
montelukast											
nedocromil											
nikethamide											
poractant		0	0	1	0	0	0	...			

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Drug name ¹		Total 1994	Total 1995	Total 1996	Total 1997	Total 1998	Total 1999	Total 2000	% change ² 1994, 2000	% change ² 1998, 2000	% change ² 1999, 2000
zafirlukast		0	0	0	0	0	8	8			
zileuton											
antiasthmatic combinations-NOS		5	2	...	7	...	0	...			
antitussives-NOS											
leukotriene modifiers-NOS		3	...	...	0	0	0	...			
lung surfactants-NOS											
respiratory agents-NOS											
respiratory inhalant products-NOS											

¹ This classification of drugs is derived from the Multum Lexicon, Copyright © 2001, Multum Information Services, Inc. The classification has been modified to meet DAWN's unique requirements (2001). The Multum Licensing Agreement governing use of the Lexicon is provided in an appendix to this report and can be found on the Internet at <http://www.multum.com>.

² This column denotes statistically significant ($p < 0.05$) increases and decreases between estimates for the periods noted. See Relative Standard Error (RSE) tables for p -values.

NOTE: These estimates are based on a representative sample of non-Federal, short-stay hospitals with 24-hour emergency departments in the coterminous U.S. Dots (...) indicate that an estimate with an RSE greater than 50% has been suppressed. Drugs are classified to the degree of specificity recorded in the DAWN case reports.

ED = emergency department, NOS = not otherwise specified, NTA = not tabulated above.

SOURCE: Office of Applied Studies, SAMHSA, Drug Abuse Warning Network, 2000 (09/2001 update).